

Yggdrasil

by Arya Akhavan (December 2012)

Angles for R.I. = 1.720

33 + 8 girdles = 41 facets

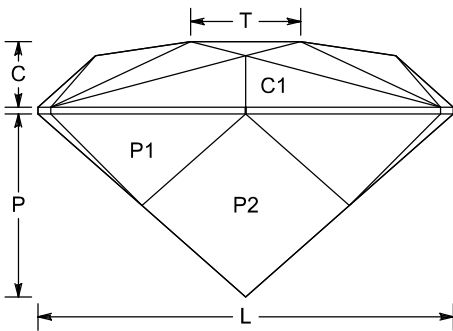
2-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.265$ $U/W = 0.265$

$P/W = 0.440$ $C/W = 0.157$

$Vol./W^3 = 0.243$



PAVILION

P1 43.35° 01-23-25-47- Cut to centerpoint.
49-71-73-95

G1 90.00° 01-23-25-47- Set stone size.
49-71-73-95

P2 41.36° 96-24-48-72 Meet P1, G1

CROWN

C1 41.87° 01-23-25-47- Set girdle width.
49-71-73-95

C2 18.44° 10-14-34-38- Meet G1, C1
58-62-82-86

C3 8.38° 96-24-48-72 Meet C1, C2

T 0.00° Table Meet C2, C3

Originally, this was going to be a simple design for some shallow peridot, but I'm a big fan of it for those smaller chrome pryope garnets (earrings!). It's nice and simple, very quick to cut and can be scaled for shallow rough. For zircons, scale P2 to 37°. Works in materials from quartz to rutile (RI = 1.54 - 2.62) with no changes. Suggested size = 4-6 mm

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